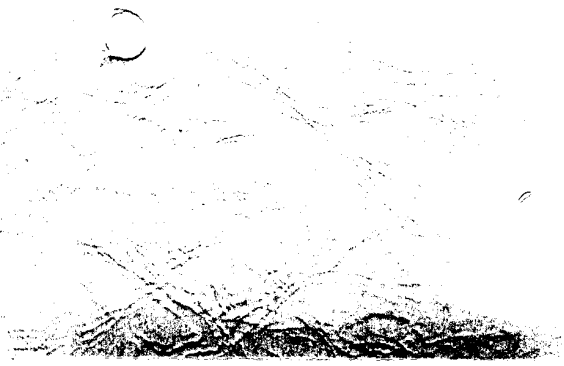
108/66



Declass Review by NGA.

STAT

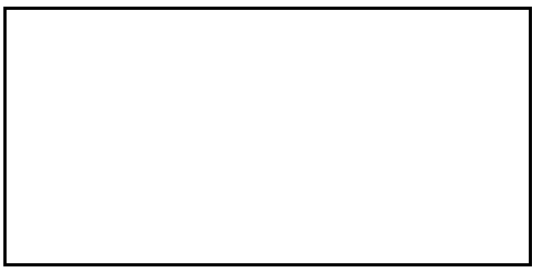
PROPOSAL TO DESIGN

AND MANUFACTURE ONE

SUPER WIDE PRINT STRAIGHTENER

6-66

STAT



Proposal to Design and Manufacture

One Super Wide Print Straightener

6-66

This proposal is submitted in response to a request by Government representatives who also made available to [redacted] the Development Objective dated November 8, 1965. A straightforward approach is presented here in the belief that these proven principles of operation would work well.

STAT

STAT

[redacted] proposes to design and manufacture one Super Wide Print Straightener in accordance with the above design objective and to supply monthly reports and drawings which may be used for procurement purposes. A basic method of standard print straighteners shall be used in the straightener which shall accept prints up to 30 inches in width. The print straightener shall operate by passing the print over heated water and then reverse bending the print around a small diameter roller.

The proposed straightener shall be constructed with an integral stand or cabinet with casters and shall be made for a nominal working height of 42 inches. The feed platform and the take-up tray shall be made to fold against the table when not in use. The length of the unit shall be approximately 28 inches when the feed and catch trays are lowered to permit passage through a standard 30 inch door. The estimated weight of the unit is 140 pounds. It shall operate on 117 VAC electrical power.

The paper path shall be inclined upward over the moistening area, and then inclined downward as it comes from the flatening roller. The downward paper exit will aid the paper collection. The water container shall be readily removable for cleaning and shall have a valve and length of hose for draining without removing the container from the stand. The feed tray shall have adjustable guides to assist the operator to insert the prints straight.

The print straightener shall be operable with standard tap water; however, the use of deionized or distilled water will be recommended to eliminate evaporative deposits on the water tray. The water will be heated with a thermostatically controlled adjustable heater (about 1,200 watts) and shall have a thermometer for actual temperature indication. A safety switch to shut off the heating element when the water level is below a predetermined level shall be provided.

A continuously adjustable speed motor with a maximum paper transport speed of about 30 feet/minute and an adjustment range of at least 10 : 1 shall be used.

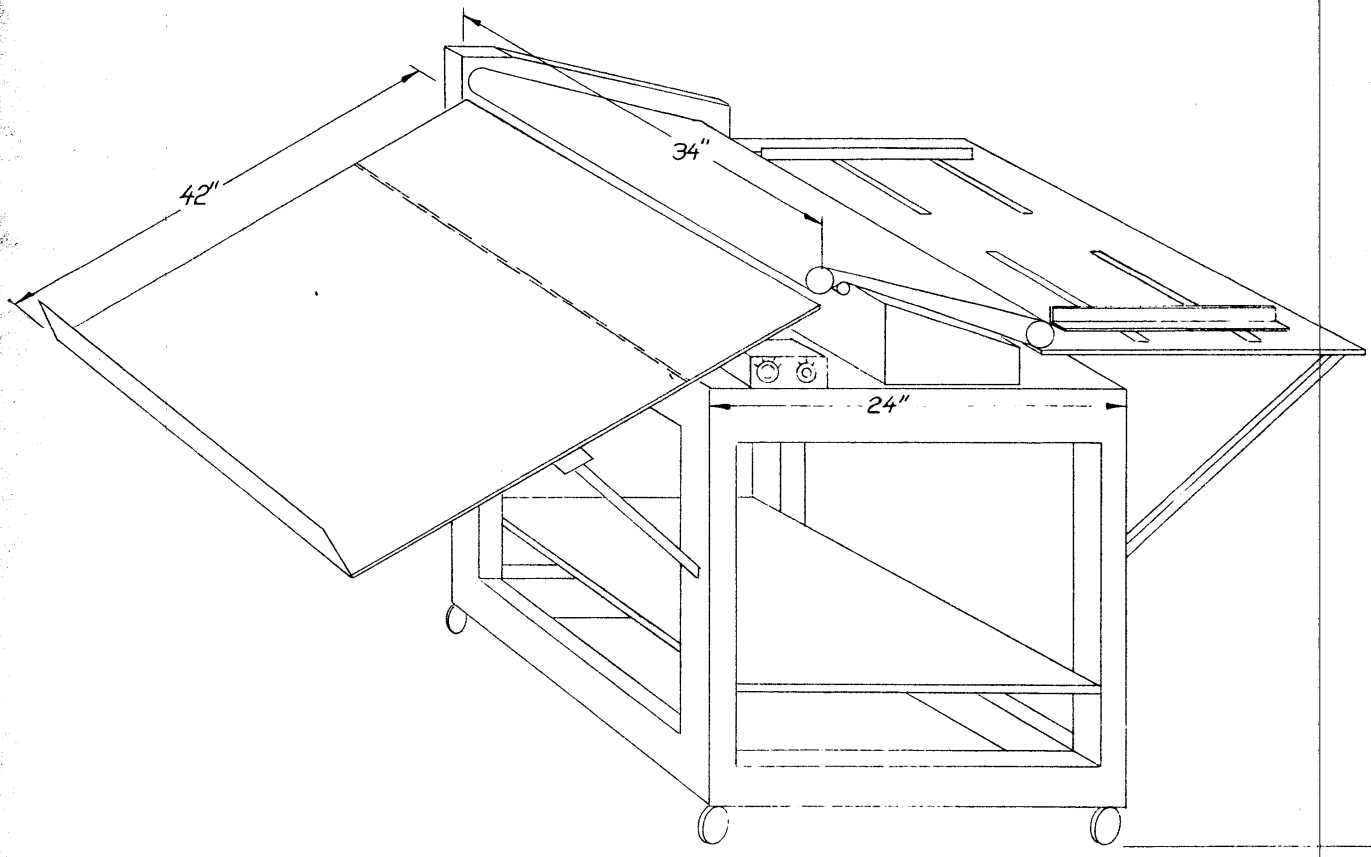


FIG 1

SCHEMATIC OF PROPOSED PRINT STRAIGHTENER

The print straightener will be constructed to best commercial practices with corrosion resistant materials or protective finishes used for all parts and hardware.

Deliverable items shall include instructions, a final report, and reproducible commercial drawings in addition to the print straightener.

STAT

All work described shall be delivered within 150 days after receipt of contractual obligation.

OTHER DATA

STAT 1. [redacted] is a corporation organized under the laws of the State of Delaware and presently employs approximately 16 persons.

2. Audit Cognizance: Defense Contract Audit Agency, Silver Spring, Maryland 20910.

3. Security Cognizance: Commander, Baltimore District, Defense Contract Administration Services Region (Pilot Test), Fort Holabird, Building 22, Baltimore, Maryland 21219.

STAT [redacted], represents (a) that it has not employed or retained any company or person (other than a full-time bona fide employee working solely for STAT [redacted] to solicit or secure a contract from this proposal and (b) that it has not paid or agreed to pay to any company or person (other than a full-time bona fide employee working solely for [redacted] any fee, commission, percentage, or brokerage fee, contingent upon or resulting from the award of a contract in connection with this proposal; and agrees to furnish information relating thereto as requested by the Contracting Officer. STAT

[redacted] STAT

Vice President